

Title (en)
OPHTHALMIC LUBRICATION SYSTEM AND ASSOCIATED APPARATUS

Title (de)
OPHTHALMISCHES SCHMIERSYSTEM UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)
SYSTÈME DE LUBRIFICATION OPHTALMIQUE ET APPAREIL ASSOCIÉ

Publication
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Application
EP 14860983 A 20141020

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Abstract (en)
[origin: US2015125328A1] Devices, systems, and methods including a lubricating solution bath for a pump integrated into an ophthalmic surgical hand piece are provided. In some embodiments, an ophthalmic pump system includes a housing defining a cavity. The system includes a rotating element positioned within the cavity of the housing. The system includes a flexible tubular structure positioned within the housing adjacent to the rotating element such that rotation of the rotation element urges a fluid through the flexible tubular structure. The system includes a lubricating solution positioned within the cavity around the rotating element and at least a portion of the flexible tubular structure.

IPC 8 full level
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US 201414518690 A 20141020; AR P140104133 A 20141104; AU 2014347153 A 20141020; CA 2924118 A 20141020; CN 201480052889 A 20141020; CN 201810682592 A 20141020; CN 201810682593 A 20141020; EP 14860983 A 20141020; EP 19164012 A 20141020; ES 14860983 T 20141020; JP 2016526815 A 20141020; KR 20167006838 A 20141020; MX 2016004680 A 20141020; RU 2016110572 A 20141020; RU 2019110403 A 20141020; TW 103137185 A 20141028; US 2014061397 W 20141020; US 201715618208 A 20170609; US 201916379837 A 20190410